

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025233.D
 Acq On : 16 Dec 2016 5:07
 Operator : UM/SJ
 Sample : H5905-01ME
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA803ME

Manual Integrations
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UMANGI
 12/16/2016 6:21:24 PM

Quant Time: Dec 16 07:23:21 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 05:54:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	81142	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	354268	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.86	164	275487	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	538771	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	667721	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	684210	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	3026	1.93	ng/uL	-0.01
5) Phenol-d5	7.39	99	80654	11.52	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.55	67	50020	11.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	56690	11.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	70226	12.00	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	30241	12.05	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	37522	12.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	74298	12.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	38046	6.44	ng/ul	0.01
43) Dimethylphthalate-d6	14.26	166	225063	11.88	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	269341	12.98	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	33719	10.35	ng/ul	0.04
57) Fluorene-d10	15.85	176	230649	12.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	40429	12.14	ng/ul	0.01
70) Anthracene-d10	17.70	188	306225	13.47	ng/ul	0.00
76) Pyrene-d10	19.98	212	351668	12.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	363126	13.10	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	7.42	94	56707	7.89 ng/ul	89
11) 2-Methylphenol	8.68	108	190956	36.10 ng/ul	96
16) 4-Methylphenol	9.01	108	488250	82.96 ng/ul	90
24) 2,4-Dimethylphenol	10.22	107	837241m	115.40 ng/ul	
28) Naphthalene	11.12	128	277369	16.84 ng/ul	98
34) 2-Methylnaphthalene	12.70	142	413865	31.85 ng/ul	93
40) 1,1'-Biphenyl	13.69	154	116558	6.98 ng/ul	96
49) Acenaphthene	14.93	153	30575	2.21 ng/ul#	92
53) Dibenzofuran	15.26	168	105632	4.83 ng/ul	99
58) Fluorene	15.91	166	127814	7.18 ng/ul#	97
69) Phenanthrene	17.65	178	119209	4.64 ng/ul	96
71) Anthracene	17.74	178	32177	1.22 ng/ul#	72
74) Fluoranthene	19.64	202	31551	1.03 ng/ul#	97
77) Pyrene	20.01	202	40457	1.26 ng/ul#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

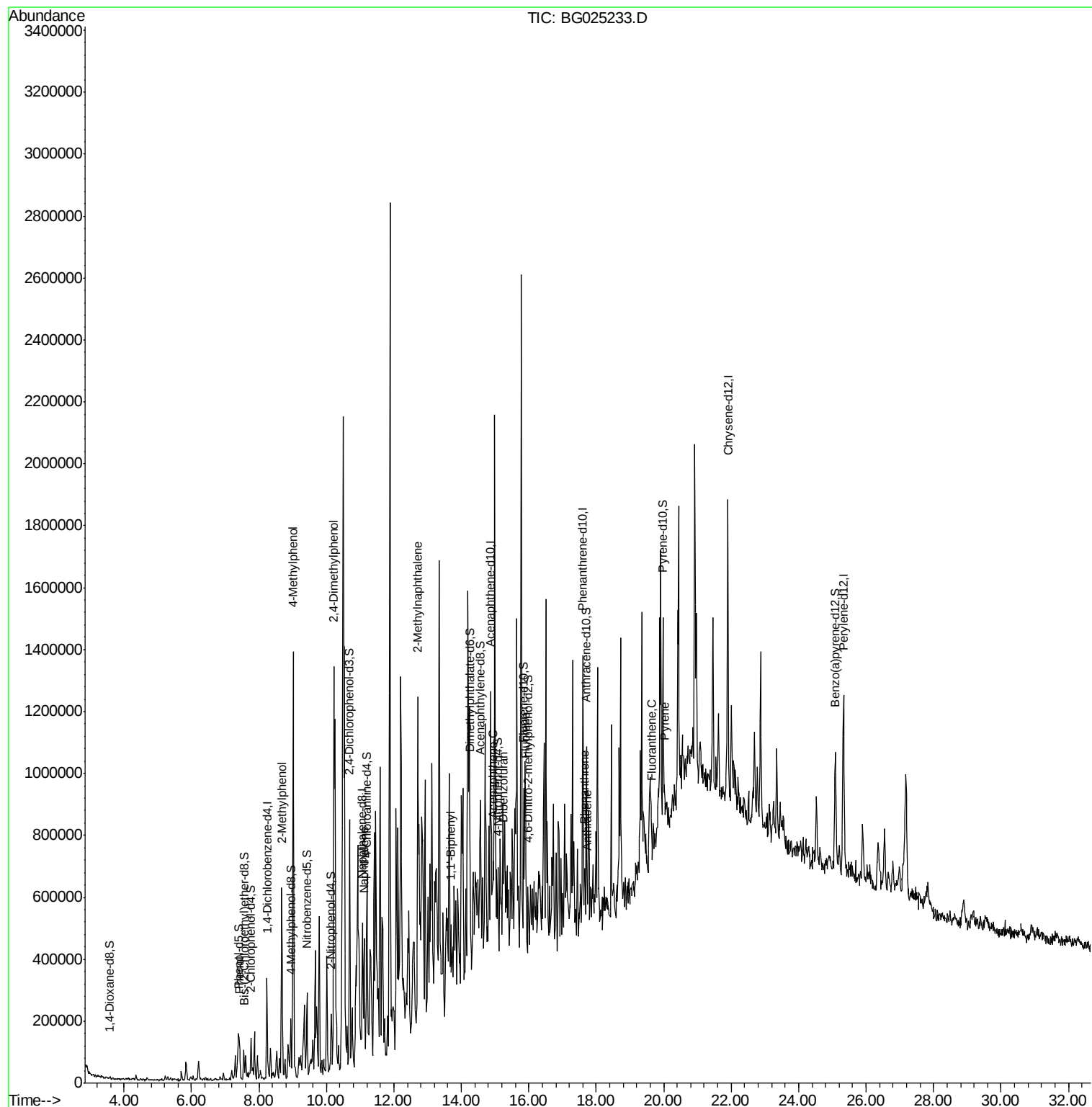
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025233.D
Acq On : 16 Dec 2016 5:07
Operator : UM/SJ
Sample : H5905-01ME
Misc :
ALS Vial : 24 Sample Multiplier: 1

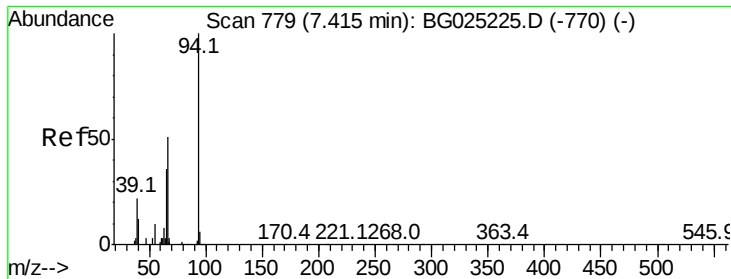
Instrument :
BNA_G
ClientSampleId :
DA803ME

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Quant Time: Dec 16 07:23:21 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration





#6

Phenol

Concen: 7.89 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG025233.D

Acq: 16 Dec 2016 5:07

Instrument :

BNA_G

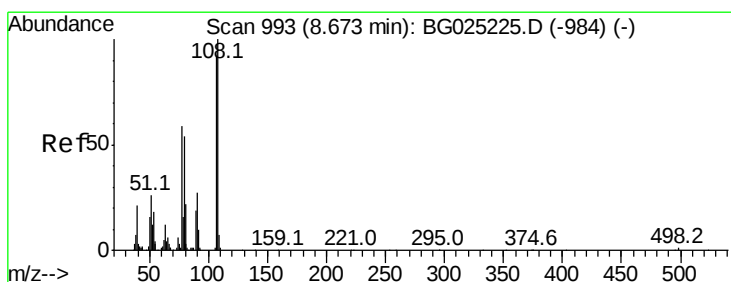
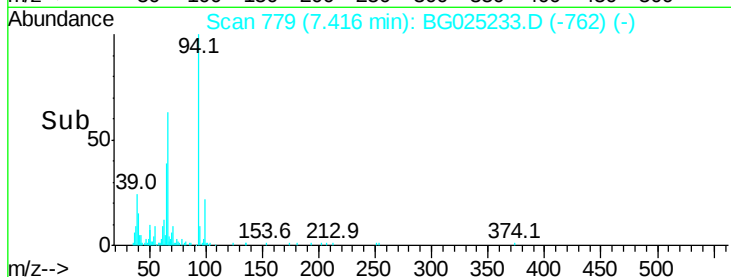
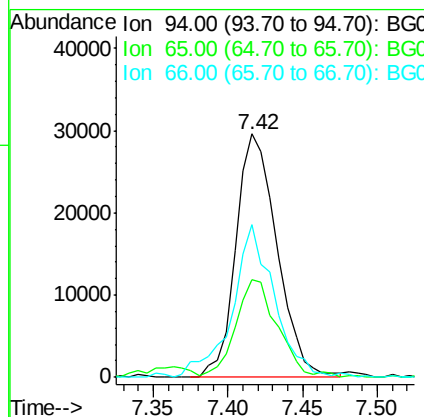
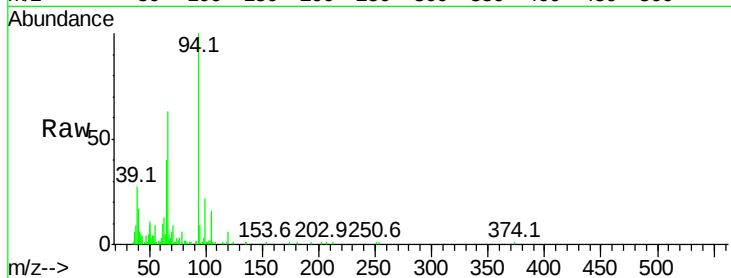
ClientSampleId :

DA803ME

Tot Ion:	94	Resp:	56707
Ion Ratio	Lower	Upper	
94	100		
65	40.2	26.8	40.2
66	62.8	44.4	66.6

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#11

2-Methylphenol

Concen: 36.10 ng/ul

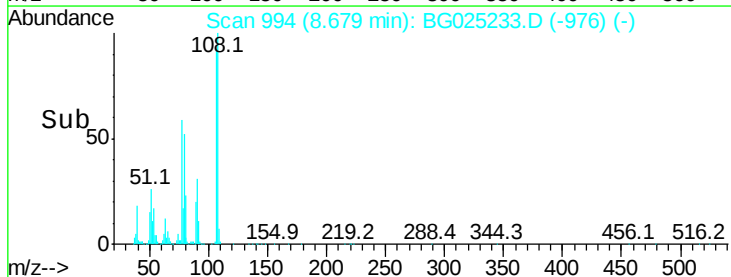
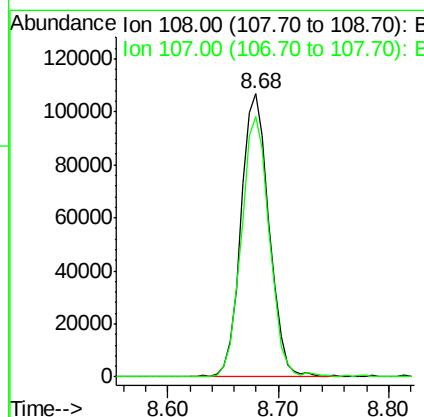
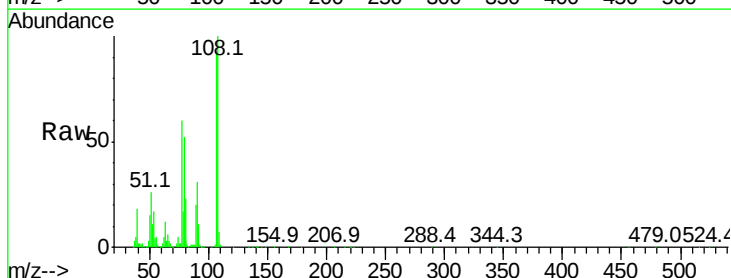
RT: 8.68 min Scan# 994

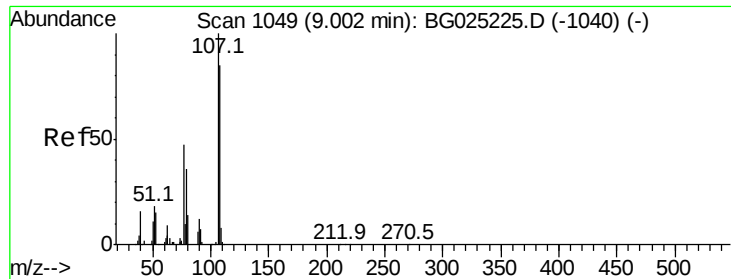
Delta R.T. 0.01 min

Lab File: BG025233.D

Acq: 16 Dec 2016 5:07

Tgt Ion:	108	Resp:	190956
Ion Ratio	Lower	Upper	
108	100		
107	92.0	76.7	115.1





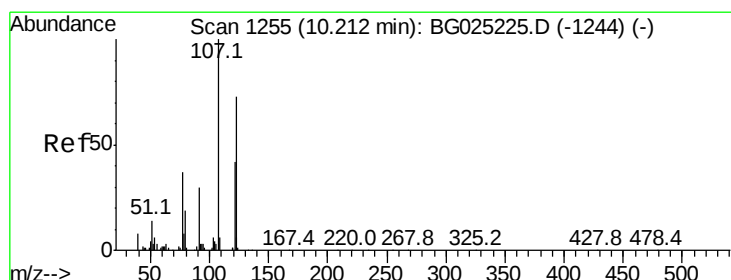
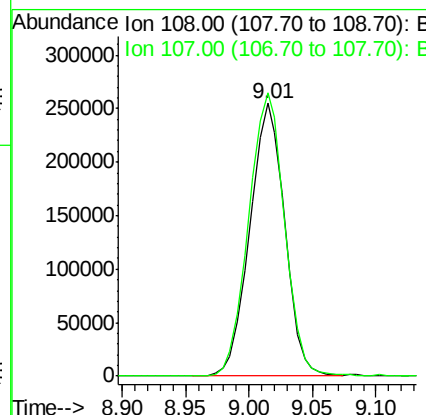
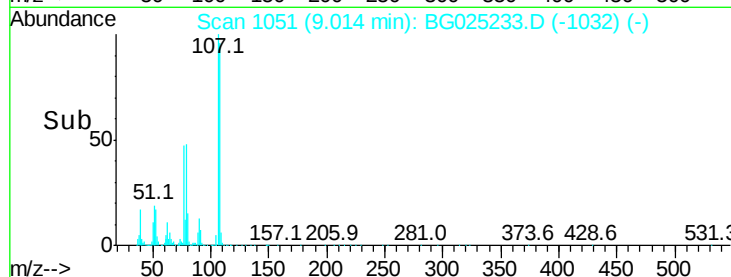
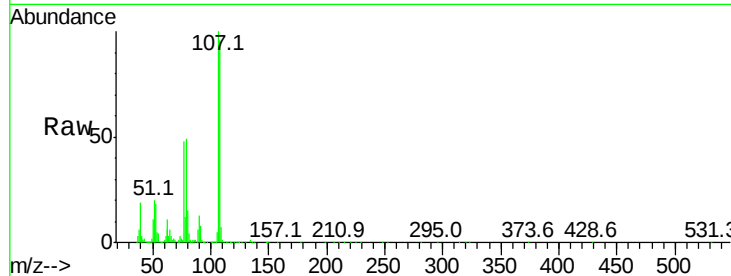
#16
4-Methylphenol
Concen: 82.96 ng/ul
RT: 9.01 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BG025233.D
Acq: 16 Dec 2016 5:07

Instrument :
BNA_G
ClientSampleId :
DA803ME

Tot Ion	Ratio	Lower	Upper
108	100		
107	103.8	91.7	137.5

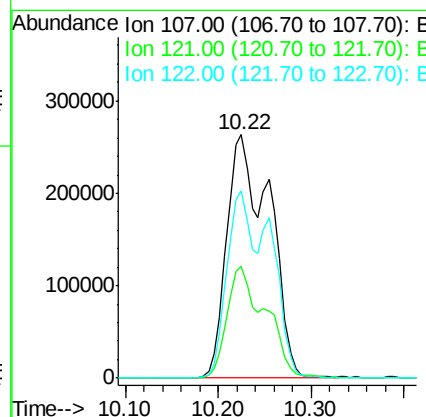
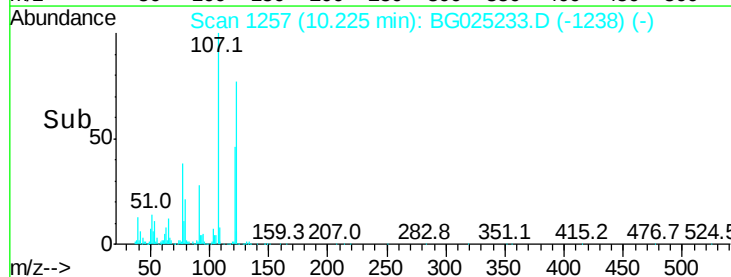
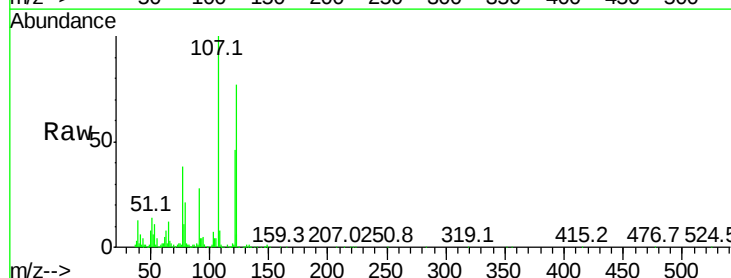
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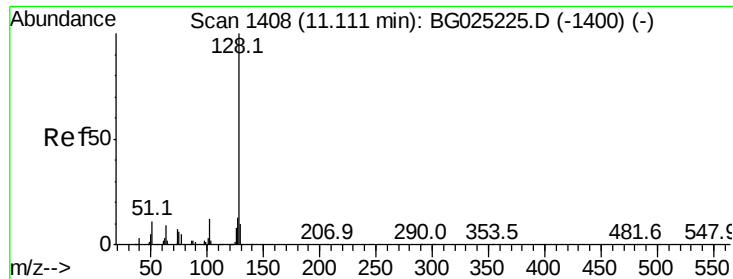
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#24
2,4-Dimethylphenol
Concen: 115.40 ng/ul m
RT: 10.22 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BG025233.D
Acq: 16 Dec 2016 5:07

Tgt Ion	Ratio	Lower	Upper
107	100		
121	45.8	32.3	48.5
122	76.9	61.2	91.8





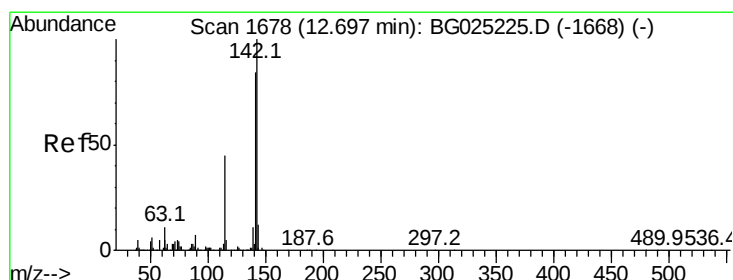
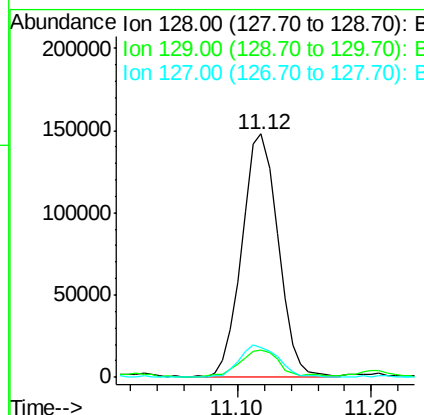
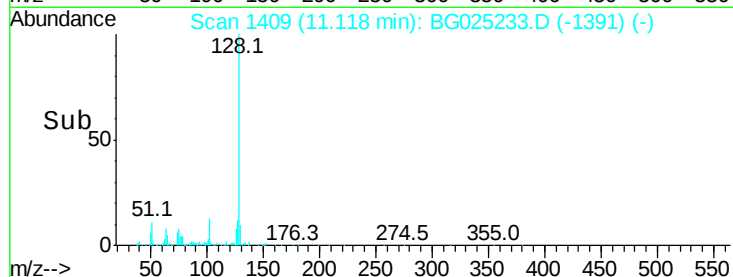
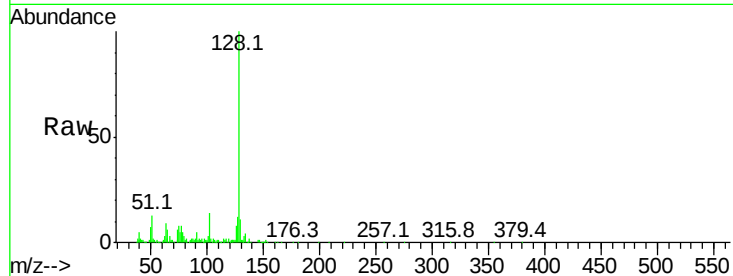
#28
Naphthalene
Concen: 16.84 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BG025233.D
Acq: 16 Dec 2016 5:07

Instrument :
BNA_G
ClientSampleId :
DA803ME

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.4	9.4	14.2
127	12.0	10.3	15.5

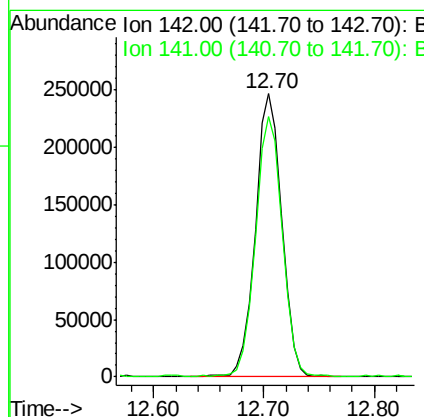
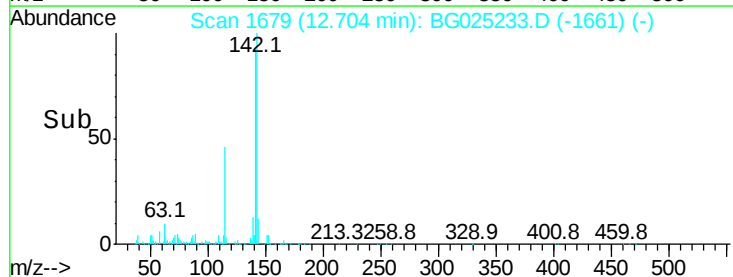
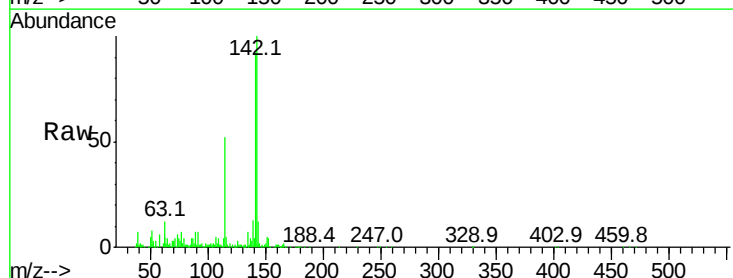
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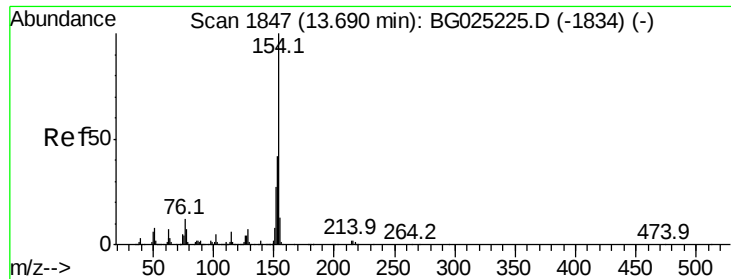
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#34
2-Methylnaphthalene
Concen: 31.85 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. 0.01 min
Lab File: BG025233.D
Acq: 16 Dec 2016 5:07

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	91.9	68.6	102.8





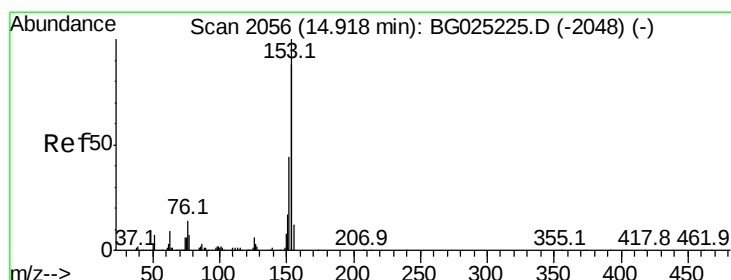
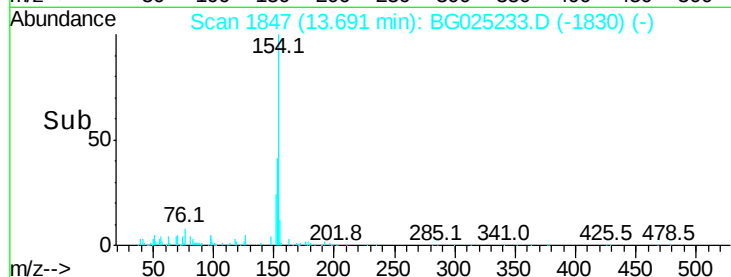
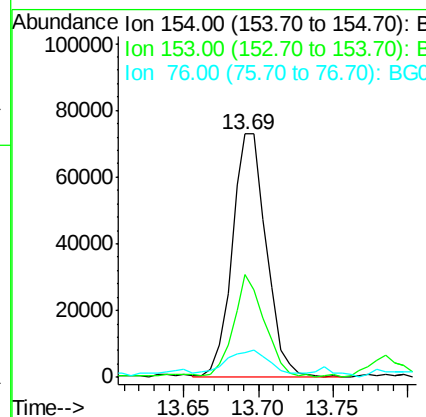
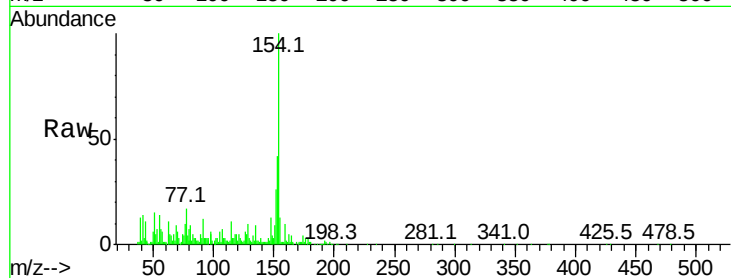
#40
1,1'-Biphenyl
Concen: 6.98 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG025233.D
Acq: 16 Dec 2016 5:07

Instrument :
BNA_G
ClientSampleId :
DA803ME

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	32.2	48.2
76	10.0	9.6	14.4

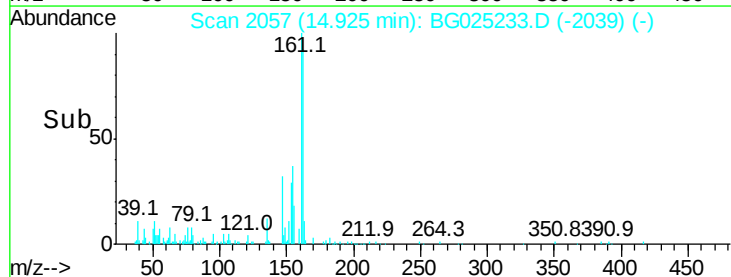
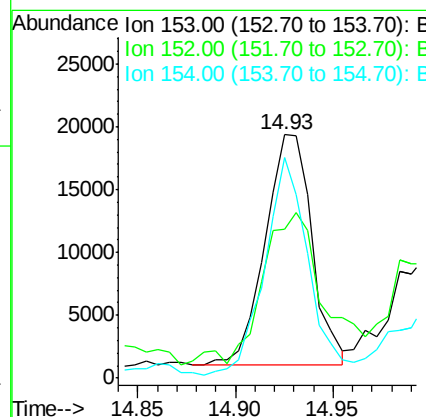
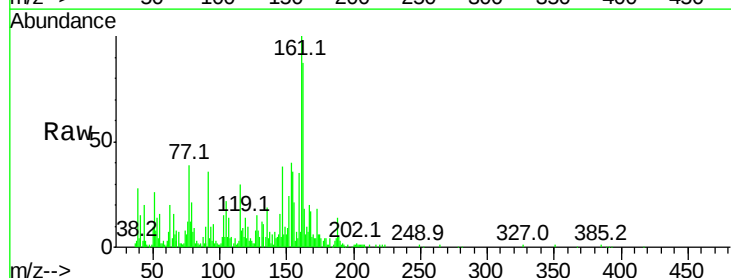
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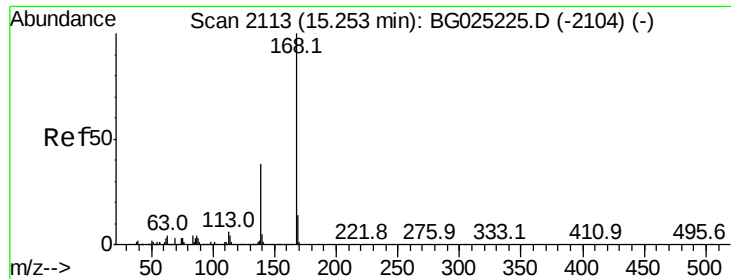
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#49
Acenaphthene
Concen: 2.21 ng/ul
RT: 14.93 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BG025233.D
Acq: 16 Dec 2016 5:07

Tgt Ion	Ratio	Lower	Upper
153	100		
152	61.3	36.5	54.7#
154	90.4	72.3	108.5





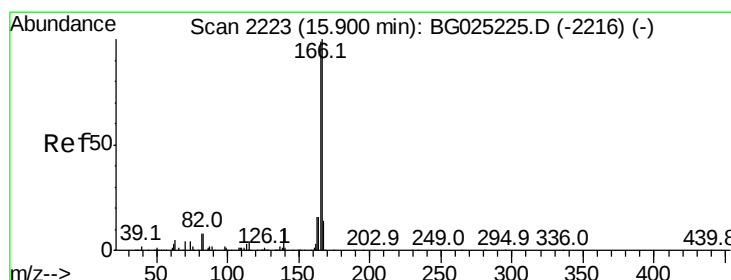
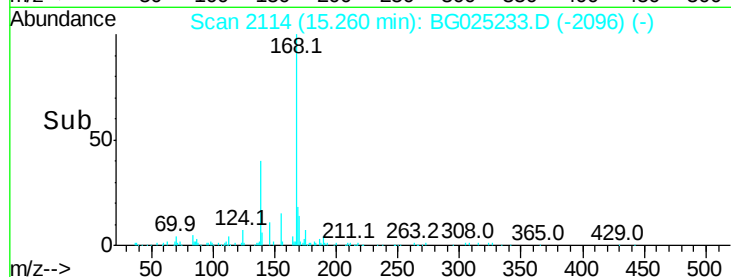
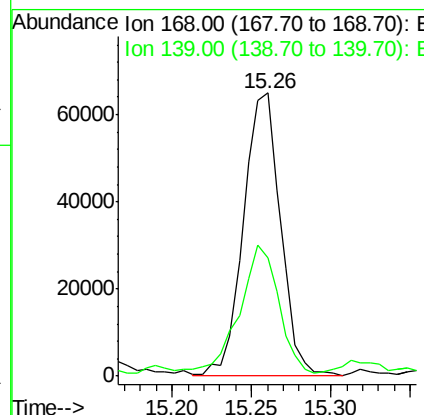
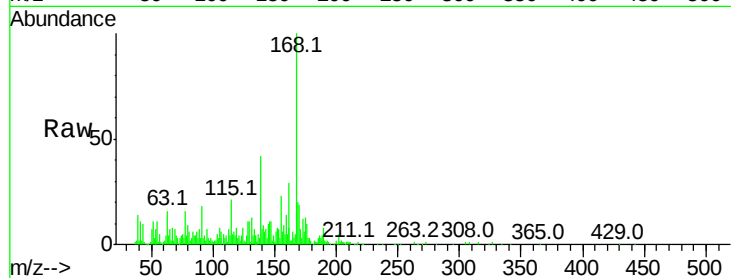
#53
Dibenzenofuran
Concen: 4.83 ng/ul
RT: 15.26 min Scan# 2114
Delta R.T. 0.01 min
Lab File: BG025233.D
Acq: 16 Dec 2016 5:07

Instrument :
BNA_G
ClientSampleId :
DA803ME

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.9	33.8	50.8

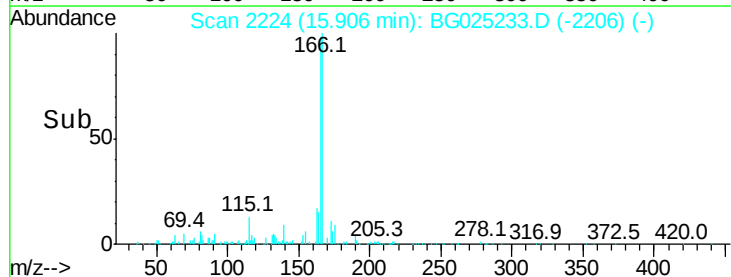
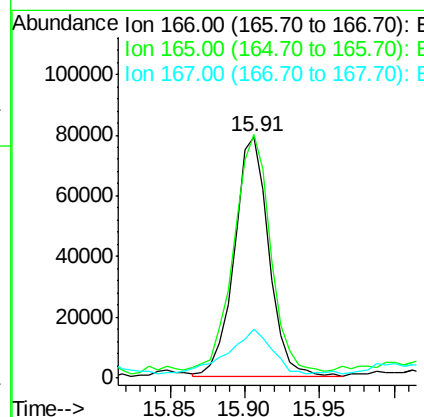
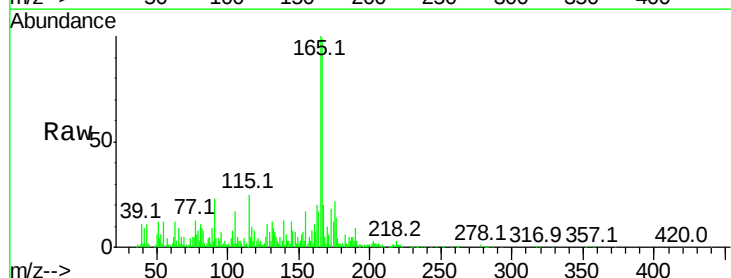
Manual Integrations
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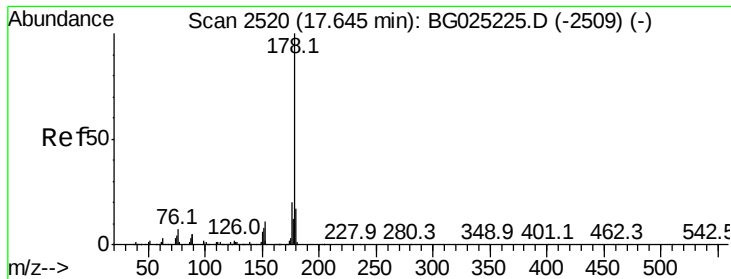
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#58
Fluorene
Concen: 7.18 ng/ul
RT: 15.91 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BG025233.D
Acq: 16 Dec 2016 5:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.7	119.5
167	20.5	11.4	17.2





#69

Phenanthrene

Concen: 4.64 ng/ul

RT: 17.65 min Scan# 2520

Delta R.T. 0.00 min

Lab File: BG025233.D

Acq: 16 Dec 2016 5:07

Instrument :

BNA_G

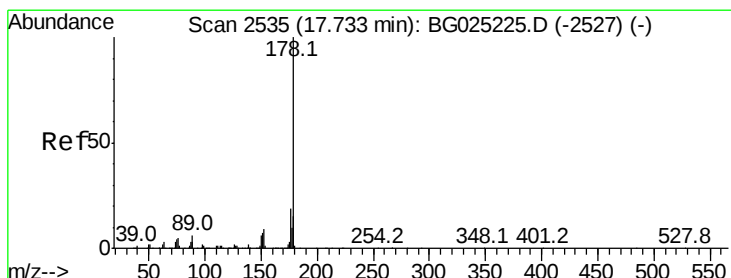
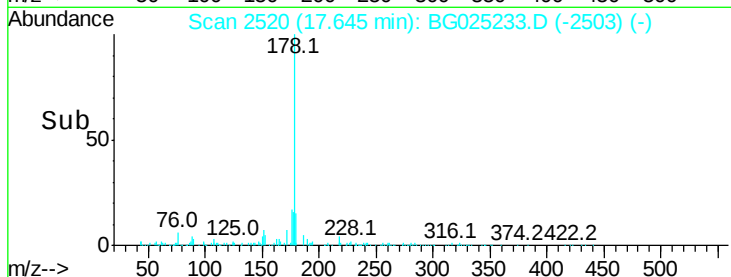
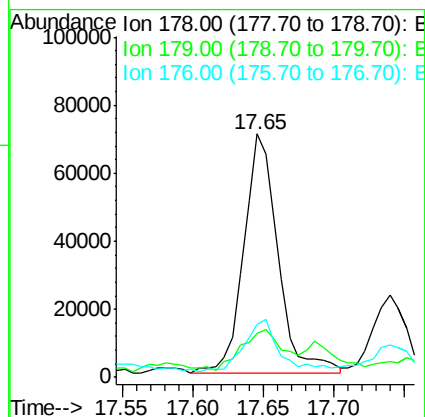
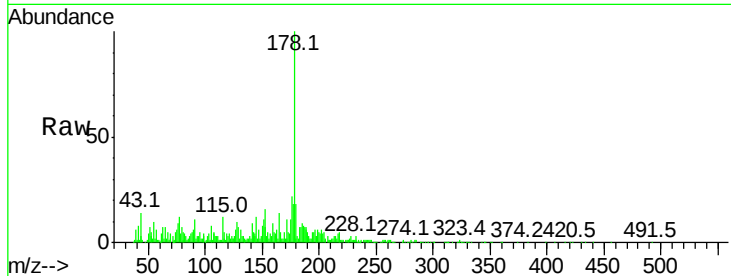
ClientSampleId :

DA803ME

Tot Ion:	178	Resp:	119209
Ion Ratio	Lower	Upper	
178	100		
179	18.2	12.4	18.6
176	21.9	16.5	24.7

Manual Integrations
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#71

Anthracene

Concen: 1.22 ng/ul

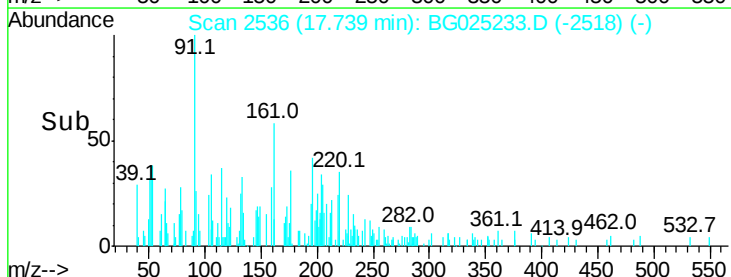
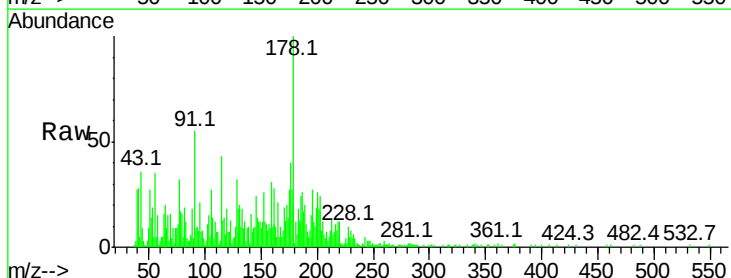
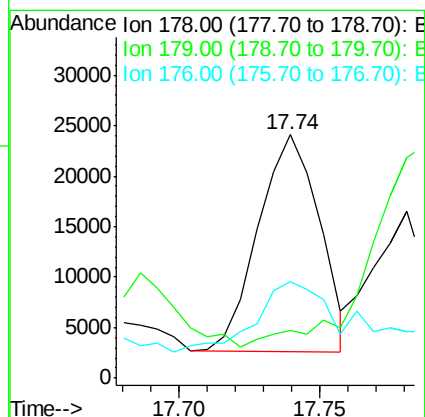
RT: 17.74 min Scan# 2536

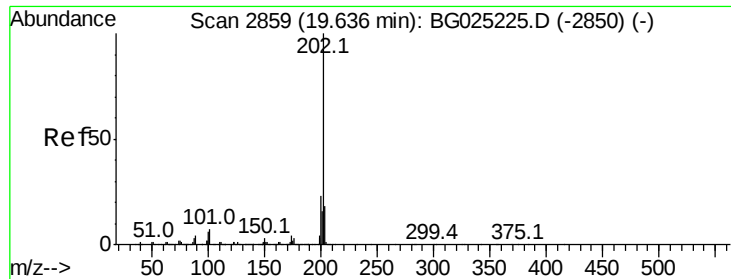
Delta R.T. 0.01 min

Lab File: BG025233.D

Acq: 16 Dec 2016 5:07

Tgt Ion:	178	Resp:	32177
Ion Ratio	Lower	Upper	
178	100		
179	19.8	12.6	19.0#
176	39.5	15.9	23.9#





#74

Fluoranthene

Concen: 1.03 ng/ul

RT: 19.64 min Scan# 2860

Delta R.T. 0.01 min

Lab File: BG025233.D

Acq: 16 Dec 2016 5:07

Instrument :

BNA_G

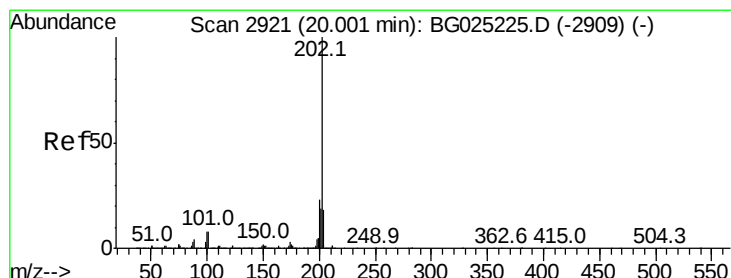
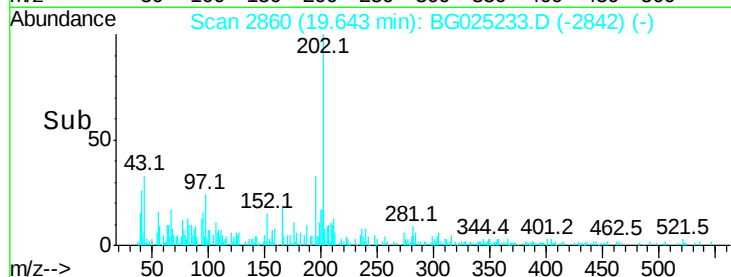
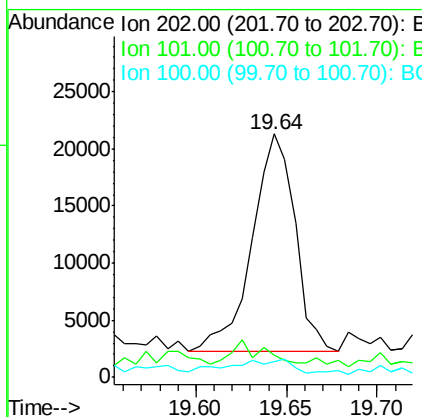
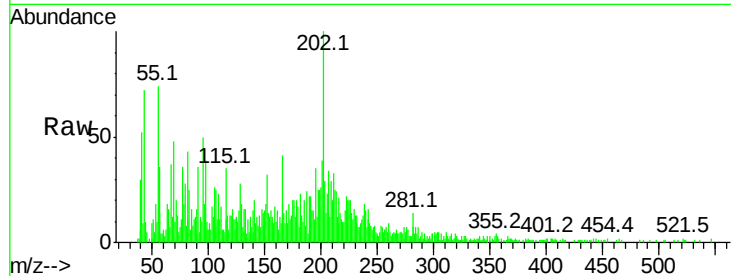
ClientSampleId :

DA803ME

Tot Ion:	202	Resp:	31551
Ion Ratio	Lower	Upper	
202	100		
101	9.2	6.2	9.2#
100	6.3	5.2	7.8

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#77

Pyrene

Concen: 1.26 ng/ul

RT: 20.01 min Scan# 2922

Delta R.T. 0.01 min

Lab File: BG025233.D

Acq: 16 Dec 2016 5:07

Tgt Ion:	202	Resp:	40457
Ion Ratio	Lower	Upper	
202	100		
101	8.0	6.9	10.3
100	4.6	6.6	10.0#

